Statement - II

Export of horticultural products (2006-07)

	MTs.	Rs. in crores
Floriculture & Seeds		
Floriculture	42016.60	649.83
Fruits & Vegetables Seeds	8031.09	121.47
Total for Cloriculture & Seeds	**50047.69**	**771.3**
Fruits and Vegetables		
Fresh onions	1378373.17	1163.31
Other Fresh Vegetables	275907.23	430.01
Dried Nuts (Walnuts)	5062.06	118.03
Fresh Mangoes	79060.88	141.94
Fresh Grapes	85897.78	301.92
Other Fresh Fruits	159569.43	256.44
Total for Fruits and Vegetables	**1983870.55**	**2411.65**
Processed Fruits & Vegetables		
Dried & Preserved Vegetables	118787.46	424.06
Mango Pulp	156835.51	505.83
Pickle & Chutney	145216.00	293.59
Other Processed Fruits & Vegetables	129110.05	508.14
Total for Processed fruits & Vegetables	**549949.02**	**1731.62**
	2583867.26	**4914.57**

SOURCE: APEDA

Indigenous seeds

1567. SHRI A. VIJAYARAGHAVAN: Will the Minister of AGRICULTURE be pleased to state:

(a) whether Government has taken any step to protect indigenous and modern methods and seeds utilized by farmers;

(b) if so, the details thereof including the number of variety of indigenous seeds collected, preserved and Governmental and Non-Governmental agencies associated with it, States-wise and category-wise, as on today;

(c) the details including the patents granted on genetically modified crops and its farming technologies, if any, to various agencies as on today, category-wise; and

(d) the steps taken, in detail, if any to keep seeds and methods of farming under public domain?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI KANTILAL BHURIA): (a) The National Bureau of Plant Genetic Resources (NBPGR), New Delhi has the national mandate of collecting, evaluating and conserving in its National Genebank the seeds of landraces and folk varieties of crop plants available in traditional production systems of farmers.

(b) The Indian National Seed Genebank at National Bureau of Plant Genetic Resources is one of the largest genebank in the world with a total holding of 3,56,471 accessions representing 1,324 crop/plant species. Details are given in the Statement (*See* below).

(c) and (d) The seeds and crops cannot be patented under the Indian Patent Act 1970. They can be protected under Protection of Plant Varieties and Farmers Rights Act 2001 (PPV & FR).

The PPV & FR Authority is only registering the plant varieties belonging to category of new varieties, extant varieties and farmers' varieties as per the provision given under the Protection of Plant Varieties and Farmers' Rights Act, 2001. The PPV&FR Act, 2001 also provides that farmers/farming community shall be recognized in respect of their contribution for conserving, improving and making available plant genetic resources for the development of the new plant varieties.

Statement

Status of base collections in national genebank-20C

(As on 29th February, 2008)

Crop Group	No. of Acc. stored (During 1.2.08 to 29.2.08)	Present status Total
1	2	3
Paddy	330	83396
Wheat	2	38617
Maize	-	7265
Others	2	11157
Cereals	**334**	**140435**
Sorghum	11	18851
Pearl millet	1	7553
Minor millet	74	19851
Others	3	4005
Millets and Forages	**89**	**50260**
Amaranth	54	4992
Buckwheat	113	795
Others	1	331
Pseudo Cereals	**168**	**6118**
Chickpea	-	16427
Pigeonpea	1	10993
Mung bean	-	3571
Others	250	24350
Grain Legumes	**251**	**55341**
Groundnut	28	13490

1	2	3
Brassica	450	9780
Safflower	-	7285
Others	24	19889
Oilseeds	**502**	**50444**
Cotton	10	4852
Jute	2	2871
Others	10	2127
Fibre Crops	**22**	**9850**
Brinjal	13	3885
Chilli	-	2002
Others	73	17067
Vegetables	**86**	**22954**
Custard apple	-	59
Papaya	-	23
Others	-	300
Fruits	-	**382**
Opium poppy	-	350
Ocimum	4	383
Tobacco	-	1461
Others	33	3607
Medicinal & Aromatic Plants & Narcotics	**37**	**5801**
Coriander	-	486
Sowa	-	59
Others	56	1730
Spices & Condiments	**56**	**2275**
Pongam oil tree	-	395
others	4	1981
Agro-forestry	**4**	**2376**
Lentil	-	7712
Pigeonpea	-	2523
Duplicate Safety Samples	-	**10235**
TOTAL:	**1549**	**356471***

*The figure includes 3056 Released varieties and 1502 Genetic stocks

No. of crop species conserved — 1324